Unicast-to-Multicast Adaptor

The Unicast-to-Multicast Adaptor is used in a LAN/WAN environment that does not support the forwarding of Multicast type data across the network.

Through a predefined command port, the user sends a message that defines the Multicast output address.

Unicast Audio data is then sent to the Unicast-to-Multicast Adaptor and forwarded on as a Multicast stream. Up to 4 channels can be sent simultaneously.

The device connects via a single cable to a standard PoE 802.3af compliant hub.

Unicast-to-Multicast Adaptor Specifications	
Protocols	Unicast, Multicast Audio
Ethernet I/F	10/100 Mbps
Power Input	PoE 802.3af or 48VDC
Payload Types	G711 μ-law and A-law
Regulatory Compliance	FCC Class A, UL 60950, CE
Dimensions	6.11"L x 4.05"W x 1.15"H
Warranty	2 years limited

Features

- PoE 802.3af enabled (Power-over-Ethernet)
- Dual-speed Ethernet 10/100 Mbps
- Unicast Input
- Multicast output
- Web-based configuration
- Web-based upgradeable firmware
- Connector for external power supply
- Small footprint
- IGMP

Typical Installation

	Unicast
	Multicast

Third Party Server

Call Manager

SIP Phone

Non-Multicast LAN/WAN

Non-Multicast LAN/WAN

Unicast-to-multicast adaptor

VoIP Ceiling Speaker

SIP Phone